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NOTICE OF RECEWEDCE AND FEE(S) DUE THE WEBB LAW FIRM

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10/30/2009

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NOV - 2 2009

EXAMINER

WANG, JACK K

ART UNIT PAPER NUMBER

2612

DATE MAILED: 10/30/2009

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
•	10/552,549	07/20/2006	Martijn Schimmer	3135-053021	4397

TITLE OF INVENTION: SYSTEM AND METHOD FOR LOCALIZING SPORTS EQUIPMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	02/01/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

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If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

	Application No.	Applicant(s)
	10/552,549	SCHIMMER ET AL.
Notice of Allowability	Examiner	Art Unit
	JACK WANG	2612
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED ir is) or other appropriate commu RIGHTS. This application is s	n this application. If not included unication will be mailed in due course. THIS
1. This communication is responsive to 6/29/2009.		
2. X The allowed claim(s) is/are 13 and 15-24.		
3. Acknowledgment is made of a claim for foreign priority uses a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies of the certified copies of the priority documents have 2. Certified copies of the certified copies of the priority documents have 3. Certified copies of the certified copies of the priority documents have 3. Certified copies not received:	re been received. re been received in Application	n No
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	" of this communication to file MENT of this application.	a reply complying with the requirements
 A SUBSTITUTE OATH OR DECLARATION must be subn INFORMAL PATENT APPLICATION (PTO-152) which give 		
 CORRECTED DRAWINGS (as "replacement sheets") mu (a) ☐ including changes required by the Notice of Draftsper 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 	son's Patent Drawing Review 's Amendment / Comment or 1.84(c)) should be written on the header according to 37 CF Dosit of BIOLOGICAL MATE	in the Office action of the drawings in the front (not the back) of R 1.121(d). ERIAL must be submitted. Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6.	formal Patent Application ummary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allowance

Application/Control Number: 10/552,549

Art Unit: 2612

DETAILED ACTION

Allowable Subject Matter

- 1. Claims 13, 15-24 are allowed (renumbered as 1-11).
- 2. The following is an examiner's statement of reasons for allowance: The instant application is directed to a system for localizing articles of sports equipment means for generating an electromagnetic energy field within the Ultra Wideband (UWB), wherein the means for generating the electromagnetic energy field are adapted to transmit palse beams of a plurality of pulse streams, wherein each pulse beam comprises nine pulse streams oriented at least substantially parallel to each other. The closest prior a statinger et al. (US Patent 6,552,661 B1), Richards et al. (US Patent # 6,504,483 B1) and Orenstein et al. (US Patent # 5,976,038). Lastinger et al. discloses a locator to receive several signals, each signal having respective indicia of identification device presence within a respective communication pattern, Richards et al. discloses a system capable using impulse radio technology to track and/or monitor an animal such as a horse, dog or person by use of an emerging, revolutionary ultra wideband technology (UWB) called impulse radio communication technology, and Orenstein et al. discloses a system provides a directional antenna having first and second antenna patterns oriented around an antenna boresight direction. The references, either singularly or in combination, fail to anticipate or render the above limitation obvious.
- 3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JACK WANG whose telephone number is (571)272-1938. The examiner can normally be reached on M-F 8:00AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on 571-272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JACK WANG/ Examiner, Art Unit 2612

/Daniel Wu/ Supervisory Patent Examiner, Art Unit 2612

Notice of References Cited Application/Control No. 10/552,549 Examiner JACK WANG Applicant(s)/Patent Under Reexamination SCHIMMER ET AL. Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	Α	US-6,466,125 B1	10-2002	Richards et al.	340/573.4
*	В	US-6,469,628 B1	10-2002	Richards et al.	340/573.3
*	С	US-6,489,893 B1	12-2002	Richards et al.	340/573.4
*	D	US-6,501,393 B1	12-2002	Richards et al.	340/993
*	Е	US-6,552,661 B1	04-2003	Lastinger et al.	340/572.1
*	F	US-6,617,962 B1	09-2003	Horwitz et al.	340/10.4
*	G	US-2003/0198271 A1	10-2003	Matveev, Oleg	372/92
	Η	US-			
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	J	US-			
	K	US-			
	L	US-			
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign,